

## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/779,812	02/08/2001	Sudipta K. Ray	END920010002US1

CONFIRMATION NO. 5588

## FORMALITIES LETTER



\*OC000000006016882\*

IBM Corporation / IP Law Dept. N50/040-4  
1701 North Street  
Endicott, NY 13760

Date Mailed: 04/27/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

05/29/2001 SMINASS1 00000043 090457 09779812

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O I P E J C I R E  
MAY 24 2001  
PATENT & TRADEMARK OFFICE

H-A

Section 3

**Response To Notice To File Missing Parts Of Application  
Filing Date Granted (PTO-1533)(Large Entity)**

Docket No.  
**END920010002US1**

Application Of: **Sudipta K. Ray et al.**

Serial No.	Filing Date	Examiner	Group Art Unit
09/779,812	2/8/01		

Invention: **LEAD-FREE SOLDER STRUCTURE AND METHOD FOR HIGH FATIGUE LIFE**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

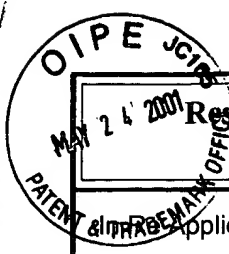
Box Missing Parts

This is a response to the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533) mailed on  
4/27/01  
Date

Enclosed herewith for filing are the following:

- ☒ A copy of the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533). **(REQUIRED)**
- ☐ An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date.
- ☒ A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date.
- ☐ An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date.
- ☐ A verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the United States Patent and Trademark Office.
- ☒ Other (list):

Assignment and Assignment Cover Sheet  
Request for Drawing Correction



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**Response To Notice To File Missing Parts Of Application**  
**Filing Date Granted (PTO-1533)(Large Entity)**

Docket No.  
**END920010002US1**

Application Of: **Sudipta K. Ray et al.**

Serial No.	Filing Date	Examiner	Group Art Unit
09/779,812	2/8/01		

Invention: **LEAD-FREE SOLDER STRUCTURE AND METHOD FOR HIGH FATIGUE LIFE**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Box Missing Parts

☒ Completion of application fees as calculated below:

- ☐ Utility application filing fee \_\_\_\_\_
- ☐ Design application filing fee \_\_\_\_\_
- ☐ Total number of independent claims = \_\_\_\_\_
- ☐ Total number of claims = \_\_\_\_\_
- ☐ Multiple dependent claims \_\_\_\_\_
- ☒ Surcharge for late payment of filing fee and/or late filing of original declaration or oath **\$130.00**
- ☐ Petition and fee for filing by other than all the inventors or a person not the inventor \_\_\_\_\_
- ☐ Fee for processing an application filed with a non-English language specification \_\_\_\_\_
- ☐ Fee for processing and retention of application \_\_\_\_\_

Total completion of application fees **\$130.00**

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the above-identified Notice to File Missing Parts of Application. The requested extension is as follows (check time period desired). If an additional time extension is required, please consider this a petition therefor.

- ☐ One month    ☐ Two months    ☐ Three months    ☐ Four months    ☐ Five months

from: \_\_\_\_\_ until: \_\_\_\_\_  
Date Date

Total time extension fees \_\_\_\_\_

Total fees due **\$130.00**



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**Response To Notice To File Missing Parts Of Application**  
**Filing Date Granted (PTO-1533) (Large Entity)**

Docket No.  
**END920010002US1**

In Re Application Of: **Sudipta K. Ray et al.**

Serial No.	Filing Date	Examiner	Group Art Unit
09/779,812	2/8/01		

Invention: **LEAD-FREE SOLDER STRUCTURE AND METHOD FOR HIGH FATIGUE LIFE**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Box Missing Parts

The fee of **\$130.00** is to be paid as follows:

- ☐ A check in the amount of the fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. **09-0457 (IBM)**  
A duplicate copy of this sheet is enclosed.
- ☒ If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. **09-0457 (IBM)**  
A duplicate copy of this sheet is enclosed.

Jack P. Friedman  
Signature

Dated: **5/21/2001**

Jack P. Friedman  
Reg. No. 44,688  
Schmeiser, Olsen & Watts  
3 Lear Jet Lane, Suite 201  
Latham, NY 12110  
(518) 220-1850

I certify that this document and fee is being deposited on **5/21/01** with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Kim Dwileski  
Signature of Person Mailing Correspondence

**Kim Dwileski**

Typed or Printed Name of Person Mailing Correspondence

cc:



2/11.03

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DOCKET NO.: END920010002US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Sudipta K. Ray *et al.*

)

Examiner:

Serial No.: 09/779,812

)

Art Unit:

For: LEAD-FREE SOLDER STRUCTURE  
AND METHOD FOR HIGH FATIGUE LIFE

)

Filed: 2/8/01

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Commissioner for Patents  
Washington D.C. 20231

Sir:

REQUEST FOR APPROVAL OF DRAWING CORRECTIONS

Applicants hereby request drawing corrections in connection with Figures, namely sheet 3/3, which corrects an error in the Figure Number of the above-identified application.

Copy of sheet 3/3 is attached hereto with the proposed change illustrated in red. The Formal drawing of sheet 3/3, which reflects the above proposed change, is also attached.

Approval of the above-noted drawing corrections is respectfully solicited.

Date: 5/21/2001

Jack P. Friedman

Jack P. Friedman

Registration No. 44,688

Schmeiser, Olsen & Watts  
3 Lear Jet Lane, Suite 201  
Latham, NY 12110  
(518) 220-1850

approved  
draw changes  
lin 1-25-02